

**ABSTRACT**

A turbocharger comprising a turbine housing where at least one supply channel supplies an exhaust gas. At least one turbine rotor is rotatably supported within the housing and receives the exhaust gas to be rotated. The exhaust gas is fed through a guide grid that forms passages of variable cross-section between the supply channel and the turbine rotor in order to control the amount of exhaust gas admitted to the turbine rotor. This guide grid comprises a plurality of vanes of predetermined width in a vane space of about the same width. A vane support ring supports the pivoting axes of the vanes and defines one axial end of the annular vane space by a first circumferential surface. An opposite ring is spaced from the vane support ring by about the width of the vanes to define the other axial end of the annular vane space. To maintain this width, at least two spacers are integrally formed on at least one the rings and are distributed over its respective circumferential surface.